

### REMARKS

Reconsideration of the present application is respectfully requested.

Claims 1-8 are pending in the application. It is gratefully acknowledged that in the Office Action, the Examiner allowed Claims 7-8 and indicated that Claims 3-6 would be allowable if rewritten in independent form to include all of the limitations of the base claim and any intervening claims.

The Examiner rejected Claims 1-2 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,987,815 to *Denno*. As to this rejection, Applicant respectfully traverses.

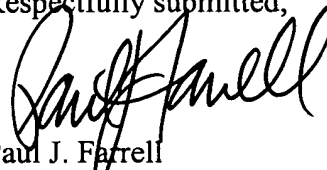
Particularly, the Examiner has made a §102(e) rejection, in which the Examiner is alleging that *Denno* teaches all of the elements of the rejected Claims 1 and 2. However, Applicant respectfully asserts that *Denno* does not teach a second frequency converter that converts a non-target signal output from the orthogonal detector into a signal of a frequency symmetrical to a signal output from the first frequency converter and a direct current component with a frequency of zero, as recited in Claim 1. Neither does *Denno* teach a characteristic compensator that compensates for an orthogonal error between a real-axis signal and an imaginary axis signal occurring in the target signal owing to the orthogonal detector by means of an output signal of the second frequency converter, with respect to an output signal of the first frequency converter, as is also recited in Claim 1. Nowhere in the passages of *Denno* cited by the Examiner can these recitations be found. It is respectfully submitted that the Examiner has not pointed to, and cannot point to, the disclosure of these recitations in *Denno*. As such, Applicant respectfully submits that *Denno* fails to anticipate Claims 1-2, and the §102(e) rejection of Claims 1-2 should therefore be withdrawn. Withdrawal of the same is respectfully requested.

Independent Claim 1 is believed to be in condition for allowance. Without conceding the patentability per se of dependent Claims 2-6, these are likewise believed to be allowable by

virtue of their dependence on Claim 1. Accordingly, reconsideration and withdrawal of the rejection of dependent Claim 2 and objection to dependent Claims 3-6 is respectfully requested.

Accordingly, all of the claims pending in the Application, namely, Claims 1-8, are believed to be in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicant's attorney at the number given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul J. Farrell", written over the typed name.

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